

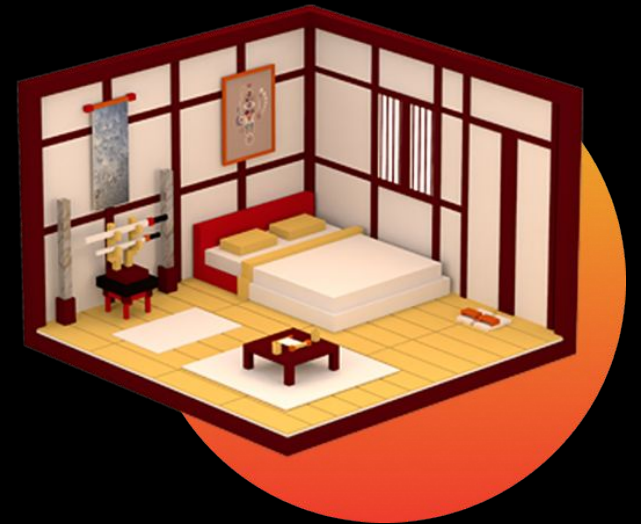
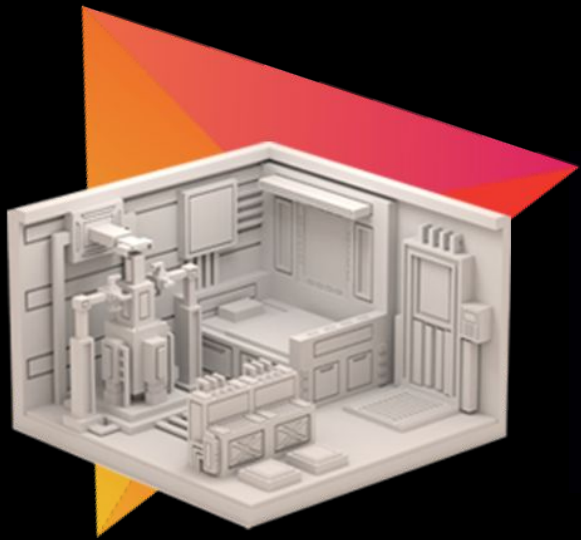
# Project Audit

---



Project:  
**Meta Stellar**

February 28, 2022



**Meta Stellar**



# Overview

This audit has been prepared for **Meta Stellar** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point:

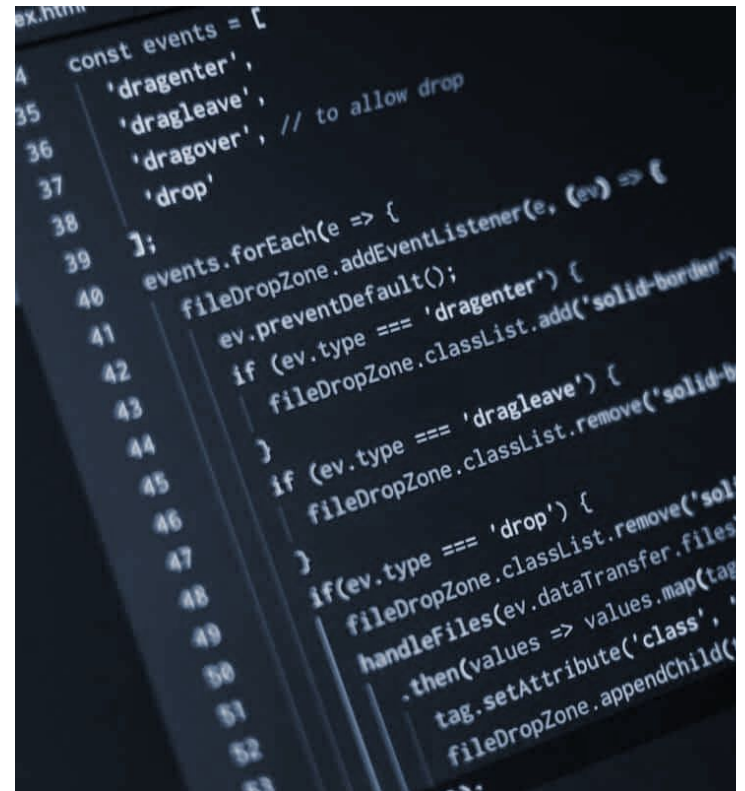
- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	METASTELLAR
Ticker	MSR
Contract	0x7885e4fc89C43bc1f8440dc28d804c1E6281146c
Network	Binance Smart Chain
Language	Solidity
Tax	<b>Dev fee: 1%</b> <b>Liquidity fee: 5%</b> <b>Reflection fee 2%</b> <b>Marketing fee: 3%</b> <b>Total: 11%</b>
Total Supply	100,000,000
Status	Not launched yet

## Current stats

Burn	8% of total supply
LP Address	Liquidity not added yet
MaxTxAmount	1,000,000

# Smart Contract Statistics

Transfer Count	5
Uniq Senders	2
Uniq Receivers	5
Total Amount	185594000 MSR
Median Transfer Amount	25000000 MSR
Average Transfer Amount	37118800 MSR
First transfer date	2022-02-10
Last transfer date	2022-02-28
Days tokens Transfer	2

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓



## Featured Wallets

Owner address	0xc7b96d5b42fbAf3345d86d021aE8Ef18d4a70e1f
Marketing wallet	0x6e1C1BB2fbEE5DE877baa60dBA2dA8CaCF9a8Ab1
LP token address	Liquidity not added yet

## Top 3 Unlocked Wallets

Wallet 1 (14.4%)	Same as owner
------------------	---------------

## Locked Wallets

Wallet 1 (25%)	0x7ee058420e5937496F5a2096f04cdA7721cF70cc <b>PinkSale locker - Unlocks 2022.04.28</b>
Wallet 2 (7%)	0x0C89C0407775dd89b12918B9c0aa42Bf96518820 <b>TeamFinance locker - Unlocks 2022.03.21</b>

# Security Threads

Owner can set buy/sell fees up to 49% (combined buy+sell=98%) ⚠

```
function setFees(uint256 _liquidityFee, uint256 _reflectionFee, uint256 _marketingFee, uint256 _devFee, uint256 _utilityFee, uint256 _feeDenominator)
external authorized {
    liquidityFee = _liquidityFee;
    reflectionFee = _reflectionFee;
    marketingFee = _marketingFee;
    devFee = _devFee;
    utilityFee = _utilityFee;
    totalFee = _liquidityFee + _reflectionFee + _marketingFee + _utilityFee + _devFee;
    feeDenominator = _feeDenominator;
    require(totalFee < feeDenominator/2, "Fees cannot be more than 49%");
}
```

Owner can change max transaction without limit, making it impossible to sell if set to 0 ⚠

```
function setMaxTxPercent_base1000(uint256 maxTxPercentage_base1000) external onlyOwner() {
    _maxTxAmount = (_totalSupply * maxTxPercentage_base1000) / 1000;
}
function setMaxTxAmount(uint256 amount) external authorized {
    _maxTxAmount = amount;
}
```

Owner can blacklist address from trading, making it impossible to sell ⚠

```
function enable_blacklist(bool _status) public onlyOwner {
    blacklistMode = _status;
}
function manage_blacklist(address[] calldata addresses, bool status) public onlyOwner {
    for (uint256 i; i < addresses.length; ++i) { isBlacklisted[addresses[i]] = status; }
}
```

Owner can disable trading, making it impossible to sell ⚠

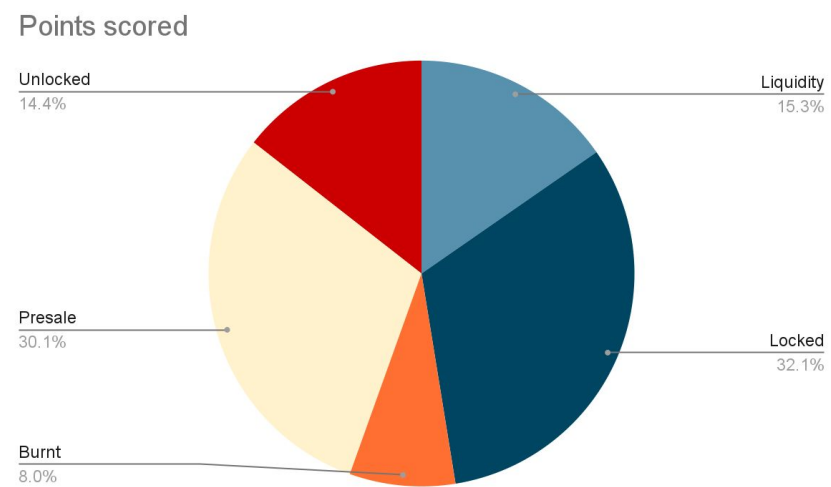
```
function tradingStatus(bool _status, uint256 _deadBlocks) public onlyOwner {
    tradingOpen = _status;
    if(tradingOpen && launchedAt == 0){
        launchedAt = block.number;
        deadBlocks = _deadBlocks;
    }
}
```



# Tokenomics

## According tg group owner and presale graphics

- Liquidity:- 15.3%
- Locked :- 32%
- Burnt:- 8%
- Presale :- 30%
- Unlocked :- 14.4%



## Current State

- Tokens are distributed as mentioned above

## Analysis ⚠

Considering burned and locked tokens, right after the launch the owner will have 25% of total circulating supply.

Compared with reserved tokens for presale and liquidity - if sold, this 25% could lead to drain of significant part from liquidity.

# Meta Stellar Project & Team Review

The project is a meta verse game that focuses on building properties within a city and lets you interact with other players. Not enough information is provided about the game yet.

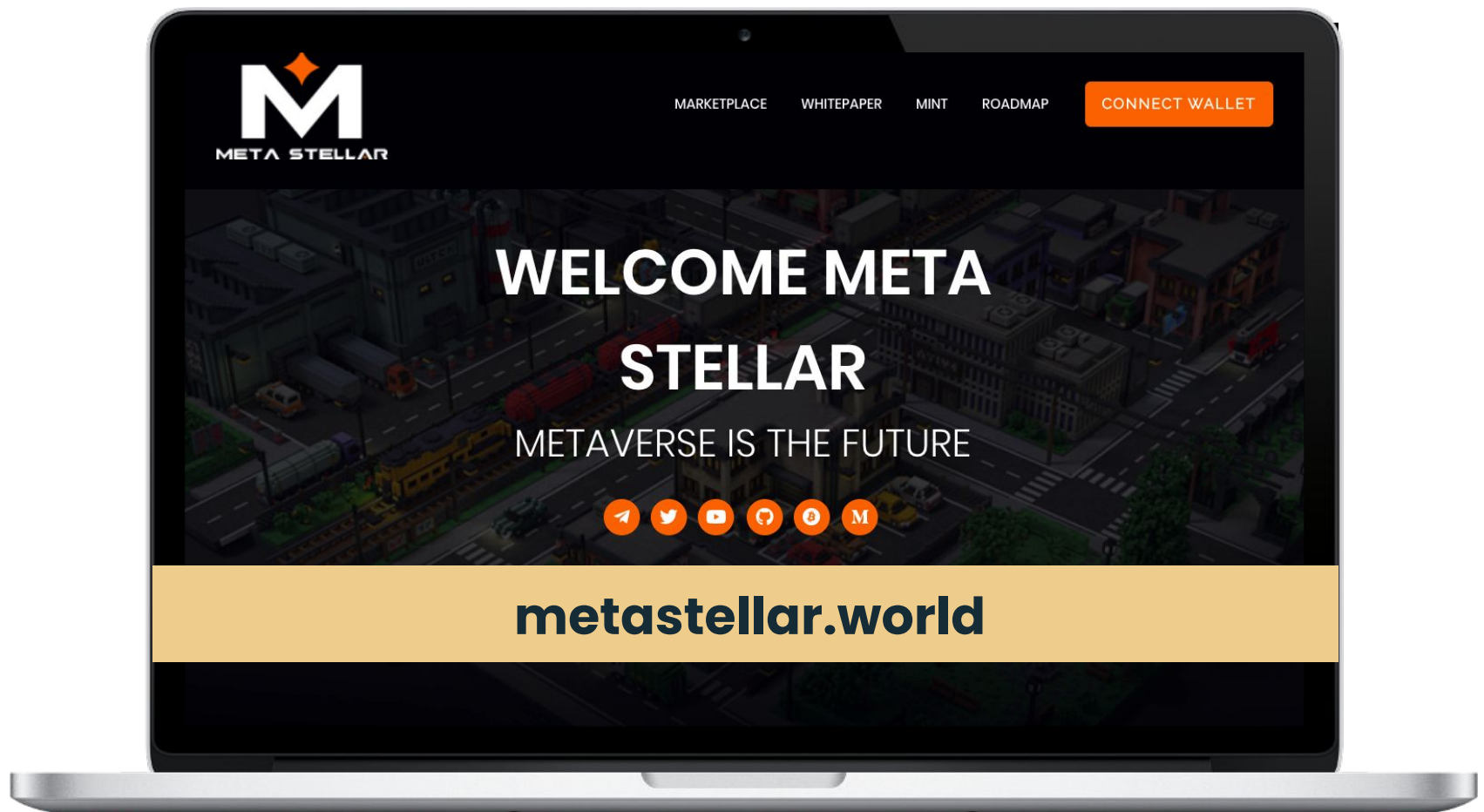
**Team:**

- No KYC

# Website Analysis

URL: <https://metastellar.world>

- **Design:** Single page. Nice design. Menu does not work.
- **Content:** No clear explanation of what the project is about.
- **Whitepaper:** No whitepaper ⚠
- **Roadmap:** Unrealistic and unclear roadmap. ⚠
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



# Social Media & Online Presence



## Telegram

<https://t.me/Metastellar>

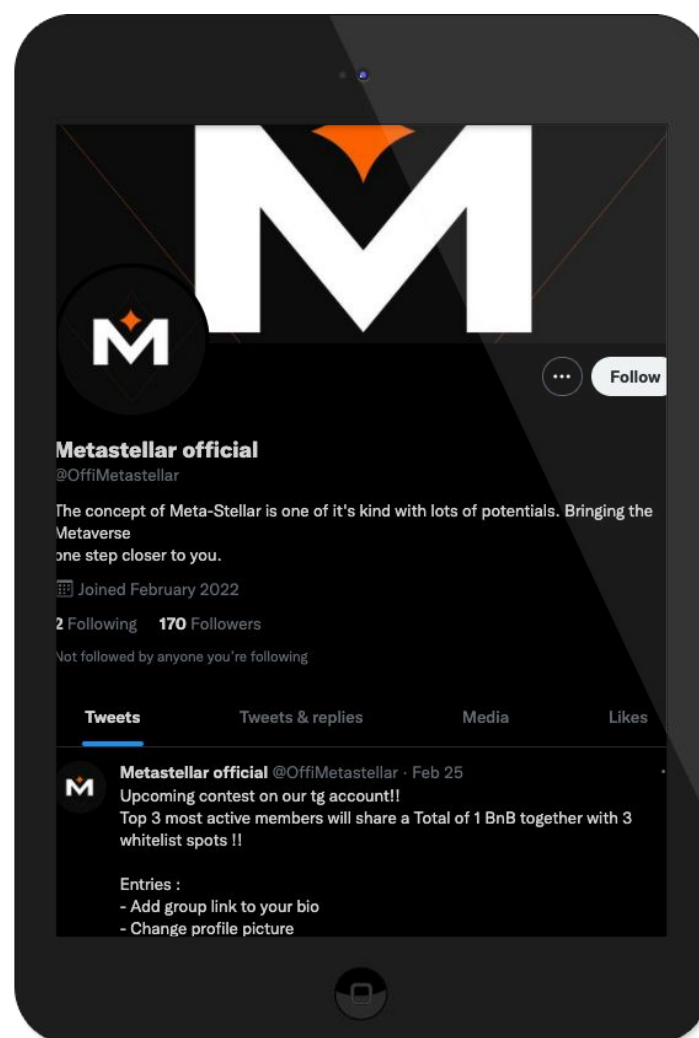
- 5,776 members
- Few active members ⚠️
- Botted ⚠️



## Twitter

<https://twitter.com/offimetastellar>

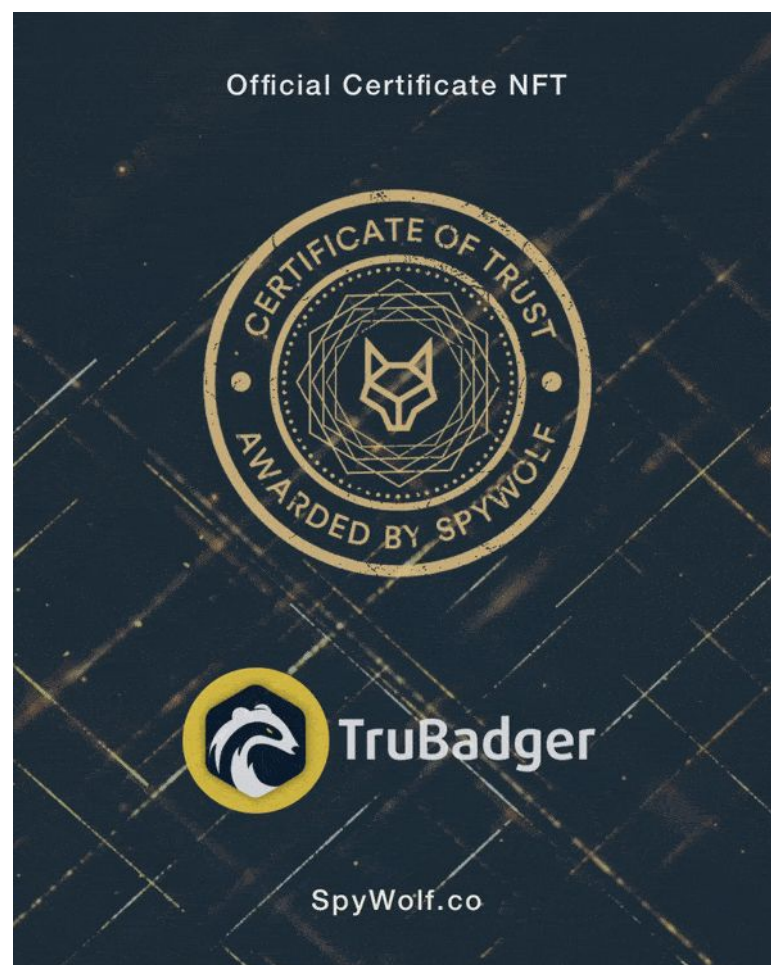
- 170 Followers
- Only a few posts



# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

## **DISCLAIMER:**

By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice.

No one shall have any right to rely on the report or its contents, and SpyWolf and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (SpyWolf) owe no duty of care towards you or any other person, nor does SpyWolf make any warranty or representation to any person on the accuracy or completeness of the report.

The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and SpyWolf hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, SpyWolf hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against SpyWolf, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. The analysis of the security is purely based on the smart contracts, website, social media and team.

No applications were reviewed for security. No product code has been reviewed.